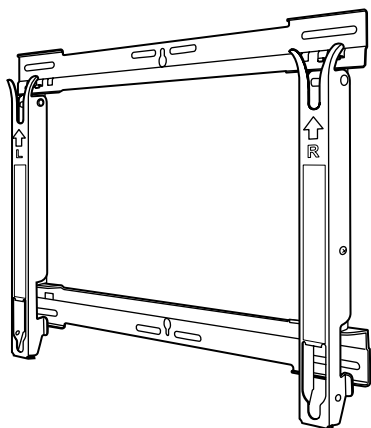


Panasonic®



Model No.

TY-WK5P1SW

Fitting Instructions Plasma TV wall-hanging bracket (Vertical mounting type) Before commencing work, carefully read these Instructions and the Manual for the plasma TV to ensure that fitting is performed correctly. (Please save these instructions. You may need them when maintaining or moving the bracket.)	English
Anleitung zur Anbringung Wandhalterung zum Anbringen des Plasma-Fernsehers (Typ für vertikale Anbringung) Vor der Ausführung lesen Sie bitte diese Anleitung und die Bedienungsanleitung für das Plasma-Fernseher sorgfältig durch, damit die Anbringung richtig ausgeführt wird. (Bitte bewahren Sie diese Anleitung auf. Sie kann bei der Wartung oder der erneuten Anbringung der Halterung benötigt werden.)	Deutsch
Montage-instructies Muurbevestigingssteun voor plasmatelevisie (voor verticale montage) Lees deze installatiehandleiding en de bedieningshandleiding voor de plasmatelevisie zorgvuldig door voordat u begint, zodat de montagewerkzaamheden op de juiste wijze worden uitgevoerd. (Bewaar deze handleiding. U hebt de handleiding weer nodig wanneer u de bevestigingssteun verwijderd of verplaatst.)	Nederlands
Istruzioni per il montaggio Supporto per il montaggio a parete del televisore al plasma (tipo per montaggio verticale) Prima di iniziare il montaggio leggere attentamente queste istruzioni ed il manuale dello televisore al plasma per poter procedere al montaggio in modo corretto. (Conservare poi queste istruzioni che si renderanno necessarie per la manutenzione e l'eventuale spostamento della staffa.)	Italiano
Instructions de montage Applique de fixation au mur du téléviseur à plasma (type pour montage vertical) Avant de commencer le travail, lisez attentivement ces instructions ainsi que le mode d'emploi de téléviseur à plasma de manière à réaliser un montage convenable. (Conservez soigneusement les présentes instructions. Vous pouvez en avoir besoin pour effectuer un entretien ou si vous désirez déplacer l'applique.)	Français
Instrucciones de instalación Soporte para colgar el televisor de plasma en una pared (Tipo de montaje vertical) Antes de empezar el trabajo, lea atentamente estas instrucciones y el manual de el televisor de plasma para asegurar una instalación correcta. (Guarde estas instrucciones. Podrá necesitarlas cuando haga trabajos de mantenimiento o nueva el soporte.)	Español
Instruções de montagem Suporte de instalação na parede do televisor com ecrã de plasma (Montagem vertical) Antes de começar a trabalhar, leia com atenção estas instruções e o manual do televisor com ecrã de plasma, para ter a certeza de que a montagem é feita correctamente. (Guarde estas instruções. Pode precisar delas quando fizer a manutenção ou deslocar o suporte.)	Português
Monteringsanvisningar Väggupphängningshållare för plasmatelevision (vertikal monteringsstyp) Innan arbetet påbörjas ska du noga läsa dessa anvisningar och bruksanvisningen som medföljer plasma-TV:n för att försäkra att arbetet utförs på rätt sätt. (Bevara dessa anvisningar. Du kan behöva anlita dem på nytt för underhåll eller flyttning av hållaren.)	Svenska
Opsætningsinstruktioner Vægophæng til plasma-tv (Type til lodret montering) Før arbejdet påbegyndes, skal De omhyggeligt læse disse instruktioner og betjeningsvejledningen til plasma-tv'et for at sikre at opsætningsarbejdet udføres korrekt. (Gen disse instruktioner. De kan få brug for dem ved vedligeholdelse, eller hvis ophænget skal flyttes.)	Dansk
Инструкция по установке Кронштейн для настенного крепления широкоформатного плазменного телевизора (Для вертикального монтажа) Перед проведением работ внимательно прочитайте эту Инструкцию и Руководство для плазменного дисплея, чтобы убедиться в том, что установка выполняется правильно. (Сохраните, пожалуйста, эту инструкцию. Она может Вам понадобится для технического обслуживания или перемещения.)	Русский
Інструкції з встановлення Настінний кронштейн для плазмового телевізора (Для вертикального монтажу) Перед початком робіт уважно прочитайте ці інструкції та інструкції з експлуатації плазмового дисплея, аби забезпечити правильний монтаж. (Збережіть ці інструкції, оскільки вони можуть знадобитись Вам, коли виникне необхідність у технічному обслуговуванні або встановленні кронштейна в іншому місці.)	Українська
组装设置说明书 壁挂式框架 (垂直安装型) 在安装施工之前, 请务必认真阅读本说明书和等离子显示器的使用说明书, 在此基础上正确地施工。 在完成安装施工之后, 请将本说明书转交给顾客, 请顾客认真阅读后妥为保管。 (因为在更改安装位置或维修之时, 可能会需要本说明书。)	中文
Hướng dẫn lắp đặt Giá đỡ treo tường TV Plasma (loại treo thẳng đứng) Hãy đọc cẩn thận những hướng dẫn dưới đây và tham khảo sách chỉ dẫn TV plasma trước khi tiến hành lắp ráp nhằm đảm bảo cho công việc lắp ráp được thực hiện chính xác. (Hãy lưu những chỉ dẫn này lại vì bạn có thể dùng đến chúng khi bảo trì hoặc dịch chuyển giá đỡ.)	Tiếng Việt

Safety precautions

WARNING

Ensure that the installation location is strong enough to support long-term use.

- If its strength becomes insufficient over the course of long-term use, the plasma TV may drop, possibly causing injury.

Fitting work and connection equipment expansion should never be done by any other than a qualified installation specialist.

- Incorrect fitting may cause equipment to fall, resulting in injury.

Include a safety factor when considering the strength of the proposed fitting location.

- If strength is not sufficient the equipment may fall, resulting in injury.

Do not fit at a location that cannot bear the load.

- If the fitting location lacks sufficient strength the equipment may fall.

Do not disassemble or modify the wall-hanging bracket.

- Otherwise the unit may be dropped and become damaged, and personal injury may result.

CAUTION

Do not use any television and displays other than those given in the catalogue.

- Otherwise the unit may be dropped and become damaged, and personal injury may result.

Do not fit at any locations subject to humidity, dust, smoke, steam or heat.

- This may have an adverse effect on the plasma TV and cause fire or electric shock.

The work of fitting or removing the plasma TV must be performed by at least two people.

- The plasma TV may fall and cause injury.

Do not fit facing upwards, sideways or upside down.

- This may cause heat to build up inside the plasma TV unit, resulting in a fire.

Leave clearances all around the plasma TV of at least 10 cm (39.3 inches) above, at least 10 cm (39.3 inches) on the left, at least 15 cm (59.1 inches) on the right and at least 10 cm (39.3 inches) below. Ensure that the space between the back of the plasma TV and the wall behind is not blocked.

- The plasma TV unit has air blow holes on the top, and air suction holes on the bottom and rear. Covering these may result in a fire.

Install the plasma TV by taking only the steps which are specified in these instructions: Do not install it in any other way.

- Otherwise the unit may be dropped and become damaged, and personal injury may result.

Install the mounting screws and power cable in such a way that they will not make contact with the inside parts of the wall.

- Electric shocks may result from contact with any metal objects inside the wall.

For installation, use the special-purpose constituent parts.

- Otherwise, the plasma TV may fall off the wall, possibly causing injury.

Remove the product that will not be used any longer.

- Otherwise the product may fall down and personal injury may result.

Requests regarding handling

- 1) Exercise care when selecting the location for the TV because it may discolor or deform due to light or heat if it is placed where it is exposed to direct sunlight, or near a heater.
- 2) Clean the wall-hanging bracket by wiping it with a soft, dry cloth (such as cotton or flannel). If the bracket is very dirty, remove the dirt using a neutral detergent diluted in water, and then wipe it clean with a dry cloth. Do not use benzene, thinner, or furniture wax as this may cause the coating to peel. (For information on cleaning the display unit, see the display unit's instruction manual. If using a chemically-treated cloth, follow the instructions supplied with the cloth.)
- 3) Do not affix adhesive tape or stickers to the product. Doing so may dirty the surface of the wall-hanging bracket. Do not allow long-term contact with rubber, vinyl products or the like. (Doing so will cause deterioration.)
- 4) Take care during installation as shocks can cause 'panel cracks' to the plasma TV unit.

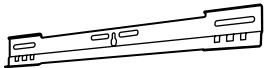
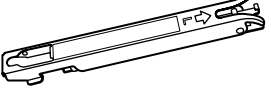
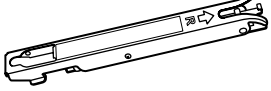

Caution:

This bracket is intended for only Panasonic plasma TV models (See back cover).
Use with other apparatus is capable of resulting in instability causing possible injury.

PROFESSIONAL INSTALLATION IS REQUIRED.
PANASONIC DISCLAIMS ANY PROPERTY DAMAGE AND/OR SERIOUS INJURY, INCLUDING DEATH
RESULTING FROM IMPROPER INSTALLATION OR INCORRECT HANDLING.

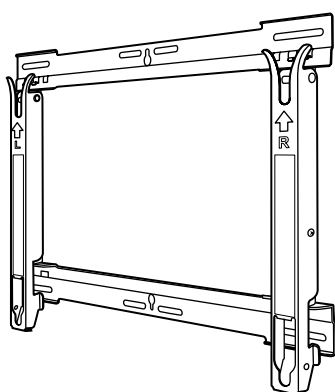
TY-WK5P1SW Wall-hanging bracket (Vertical mounting type)

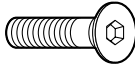


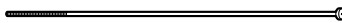
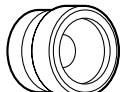
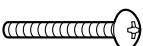

Parts used to assemble the wall-hanging bracket

① Base upper and lower fittings (2) 	② Bracket base left fitting (1) 	③ Bracket base right fitting (1) 	④ M5x10 screws for assembling the fixture (4) 
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Parts used for installation

View of fully assembled fixture



A M8x24 Allen head countersunk screws (4) 	D Positioning stickers (2) 
B Dished toothed washers (4) 	E Long bolt for securing the unit (1) 
C Insulation spacers (4) 	F Screw M6 x 50 for securing the unit (1) 
	G Allen wrench (included tool) (1) 

Please note the following before proceeding with installation:

- ◆ The plasma TV unit which will be attached to the wall-hanging bracket consists of the display unit, tuner unit and speakers.

Precautions for wall-hanging bracket fitting

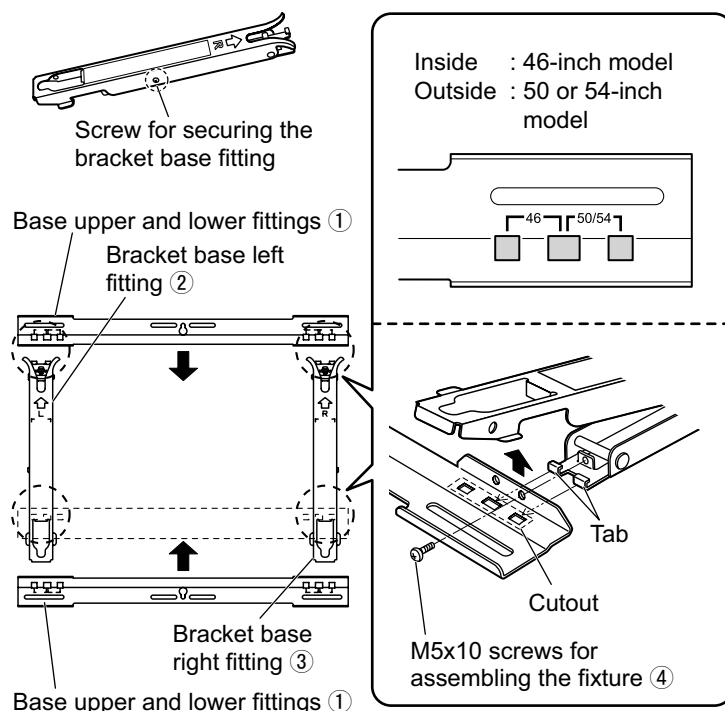
- ◆ The wall-hanging bracket is for use in attaching a plasma TV unit to a vertical wall for viewing. Do not fit to any surface other than a vertical wall.
- ◆ To ensure correct plasma TV performance and prevent trouble, do not fit at any of the following locations.
 - Near sprinklers or fire/smoke detectors
 - Where there is a risk of exposure to vibration or impact
 - Near high-voltage wires or dynamic power supplies
 - Near sources of magnetism, heat, water vapor or soot
 - Locations exposed to air blown from heating equipment
 - Where droplets of condensation from an air conditioner or other unit may form.
- ◆ Fit using techniques suited to the structure and materials of the fitting location.
- ◆ Use commercially available screws with a nominal diameter of 6 mm (0.2 inches) that are suited to the wall material (wood, steel frame, concrete etc.) you are fitting the bracket to.
- ◆ For the TV power supply plug, use a power supply outlet that can be reached easily.
- ◆ Ensure good air flow so that the equipment ambient temperature does not exceed 40 °C (104 °F). Failure to do this may cause heat to build up inside the plasma TV, resulting in malfunction.
- ◆ Spread a soft blanket or cloth over the floor so that the plasma TV and floor will not be marked or scratched during the assembly and installation work.
- ◆ When screwing down the parts, ensure that the screws are neither insufficiently tightened nor over tightened.
- ◆ Take sufficient care to ensure safety around you when performing the assembly and installation work or while moving about during the course of the work.
- ◆ Do not install the Plasma TV underneath ceiling lamps (spotlights, halogen lamps, etc.). Otherwise, the cabinet may be bent or damaged by high heat.

Fitting procedure

[Never use any other method than specified to install.]

1. Assembling the wall-hanging bracket

1. Remove the screws for securing the bracket base left ② and right ③ fittings.
2. Lay the base upper and lower fittings ① and the bracket base left and right fittings ② and ③ as shown in the figure.
3. Fit the tabs of the bracket base left and right fittings into the cutouts of the base upper and lower fittings above, and secure them using the two screws ④ used to assemble the bracket.
(Tightening torque: 1.2 to 1.5 N·m)
4. Open slightly the bottom of the bracket base left and right fittings, and fit their tabs into the cutouts of the base upper and lower fittings, and secure them using the two screws ④ used to assemble the bracket.
(Tightening torque: 1.2 to 1.5 N·m)
5. Tighten the screws for securing the bracket base left ② and right ③ fittings which were loosen in step 1.



Note

- Please hold the bracket base left and right fittings as you work with the assembled wall hanging bracket. Holding the base upper and lower fittings might deform this unit.

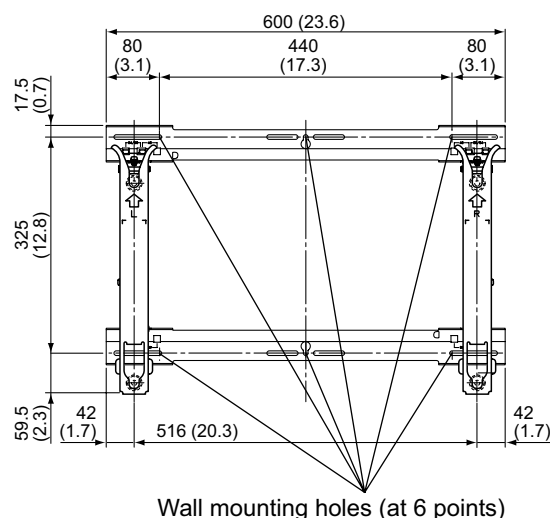
2. Checking the strength of the installation location

1. The wall-hanging bracket weighs approximately 2.3 kg (5.1 lbs).
Refer to the instruction manual of the plasma TV, and check the weight of the plasma TV unit which will be fitted into the wall-hanging bracket.
2. Refer to the outline drawing of the wall-hanging bracket shown on the right, and check the wall strength at the six installation positions shown. If the strength at any of these positions is lacking, provide sufficient reinforcement.

Notes

- There are five pre-drilled mounting holes at the top and another five at the bottom of the wall-hanging bracket. Use the spare holes provided if wood or some other material is used for the wall and a sufficient level of mounting strength cannot be ensured by anchoring the fixture at the six positions shown on the right.
- However, bear in mind that, depending on which materials the mounting surface is made of, cracks may form on the surface if the screws are used at positions which are too close together.
- Mount or place only a plasma TV on the fixture: Do not mount or place any other product.
- For details on the dimensions applying when the plasma TV is mounted, refer to the outline drawing (See back cover).

Unit: mm (inches)



Use the screws without fail to anchor the fixture.

3. Installing the wall-hanging bracket on the wall

Notes

- If it is necessary to embed bolts or nuts in the wall prior to installing the wall-hanging bracket because the wall is made of concrete, for instance, locate the positions of the holes by putting the actual wall-hanging bracket in place on the wall or by calculating the hole positions from the outline drawing, and then embed bolts and nuts with a nominal diameter of 6 mm (0.2 inches) or their equivalent. When embedding the bolts, ensure that their heads protrude by 10 to 15 mm (0.4 to 0.6 inches) from the surface of the wall.

※ In the case of the 46-inch model, limit the extent to which the screws and bolts used in the center holes of the base upper and lower fittings (3 holes on each fitting) protrude from the wall to within 5 mm (0.2 inches).

- For installing the wall-hanging bracket onto the wall, use screws with a nominal diameter of 6 mm (0.2 inches) or their equivalent available from a hardware store and suited to the materials of the installation area on the wall.
- Anchor the screws in at least six locations.

1. Install the wall-hanging bracket so that the arrows indicated on it are pointing upward.

2. First of all, secure the screw in the upper center hole (A).

3. Use a level to ensure that the fixture is not tilting on one side, and then secure the screws in the five remaining holes.

4. To provide a guideline for attaching the plasma TV unit, adhere the two positioning stickers (D) to the wall in the same places as shown in the figure on the right. For the adhesion positions (one at the left and one at the right), refer to the outline drawings (See back cover).

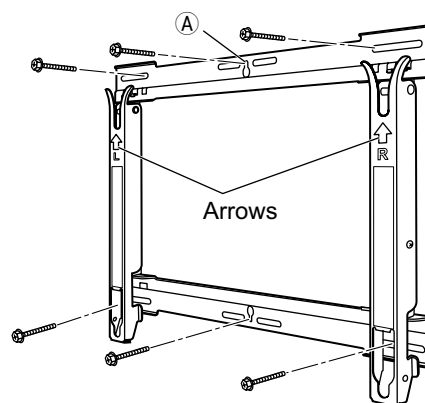
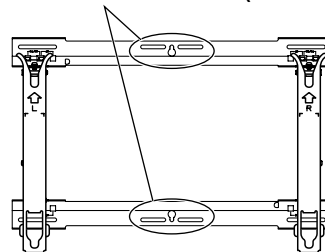
- The positioning seals are adhered at positions which are 80 mm (3.1 inches) above the plasma TV unit.

5. Loosely secure the long bolt for securing the unit (E) (by rotating the bolt through 2 or 3 turns) into the screw hole located underneath the right side of the bracket base right (3) fitting.

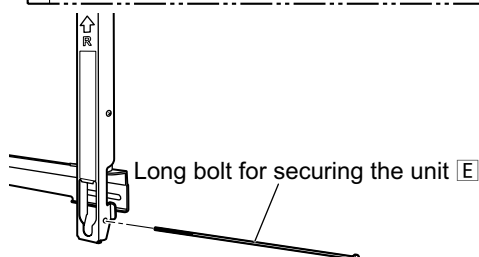
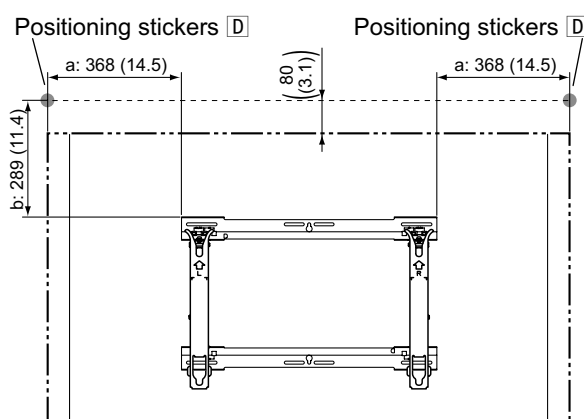
Note

- When only the display unit of the 46-inch model is to be used, the long bolt for securing the unit (E) will be visible from the right side. If the installation conditions or other factors are such that this bolt is unsightly, use the screw for securing the unit (F) instead to secure the unit loosely. In this case, use a long Phillips head screwdriver (at least 40 cm (157.5 inches) long).

※ In the case of the 46-inch model, limit the extent to which the screws and bolts protrude to within 5 mm (0.2 inches).



Unit: mm (inches)
(Example showing where the stickers are adhered on the 50-inch model)



Fitting procedure

4. Attaching the insulation spacers to the display unit

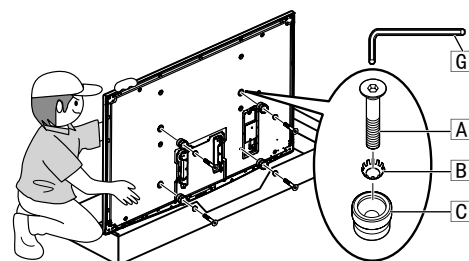
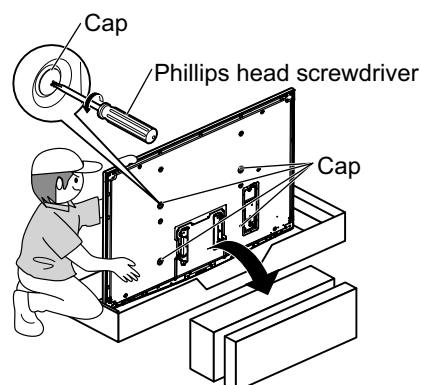
1. Remove the top part of the outer cardboard box used for the plasma TV unit, and pull the protective bag down.
To ensure that the plasma TV unit does not fall over, provide support at the front.
2. Remove the accessory box and speaker box from the outer cardboard box.
3. Remove the four caps from the display unit using a Phillips head screwdriver.

Note

- Keep the caps which have been removed in a safe place.
(They will be required when a separate installation stand is used.)
4. Using the supplied Allen wrench **G**, mount the 4 Allen head countersunk screws **A**, 4 dished toothed washers **B** and 4 insulation spacers **C** provided at the locations where the caps were attached, as shown in the figure on the right.
(Tightening torque: 3 to 4 N•m)
 5. Connect the HDMI cable (either the one provided or one obtained separately) to the display unit.
Use the HDMI cable in the length which is appropriate for the distance from where the tuner unit is to be installed.

Notes

- For details on how to attach the speakers and other parts packed with the plasma TV unit and to connect the HDMI cable, refer to the operating instructions of the plasma TV unit.
- When a full Hi-Vision wireless unit is to be used, follow the instructions given in the unit's operating instructions.

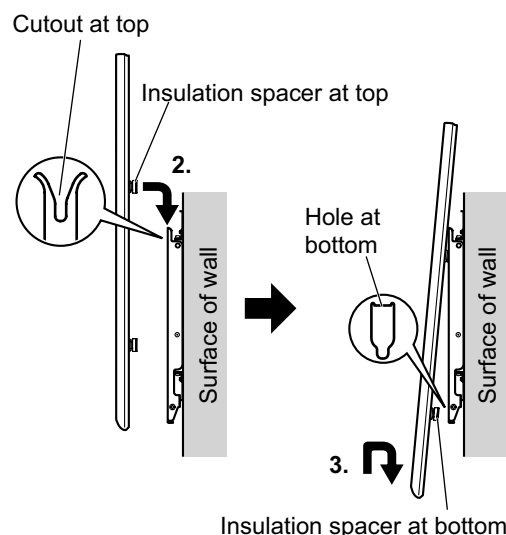


5. Attaching and securing the display unit to the wall-hanging bracket

1. Using the positioning stickers adhered to the wall as guidelines, align the top of the display unit at the left and right.
2. Engage the insulation spacers at the top of the display unit with the cutouts at the top of the bracket unit, and slowly lower them into place.
3. While lifting the display unit slightly, insert the bottom insulation spacers into the holes at the lower end of the wall-hanging bracket, and then pull the display unit straight down into place.

CAUTION

- If the plasma TV is lifted too much, its top part will become disengaged from the wall-hanging bracket.



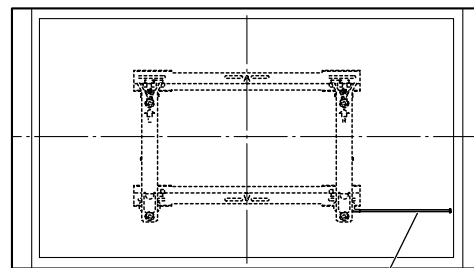
4. Tighten up the long bolt for securing the unit **E**, which was secured loosely in step 5 of section 3, until it will go no further.

Note

- Tightening up the long bolt for securing the unit **E** or the screw for securing the unit **F** too much may cause the bracket to be bent out of shape.

5. Lift the display unit slightly, and check that it is firmly secured in place.

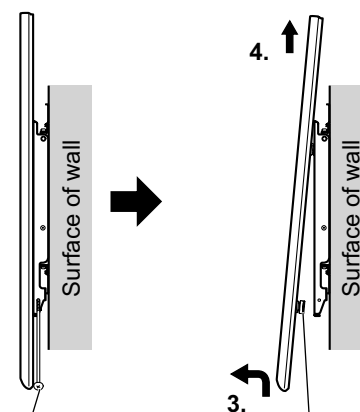
6. Connect the HDMI cable to the tuner unit.



4. Long bolt for securing the unit **E**

How to remove the plasma TV from the wall-hanging bracket

1. Remove the long bolt for securing the unit **E** or the screw for securing the unit **F** which is attached to the side of the wall-hanging bracket.
2. Disconnect the wires connecting the plasma TV to the other units.
3. While lifting the bottom part of the plasma TV, pull the plasma TV toward you.
4. Once the insulation spacers at the bottom have been released, lift the plasma TV straight up.
5. Ensure that the plasma TV unit, which has now been removed from the wall-hanging bracket, is kept upright while it is being handled so that no load will be applied to its front or back panel.



Long bolt for securing the unit **E**

Insulation spacer at the bottom